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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 69 For Week Ended November 11, 1988 NO. 45

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 11/11/88	Last Week Ending: 11/04/88	Last Year Week Ending: 11/13/87	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,026	13,136	12,960	-110	66
Operable capacity	15,922	15,922	15,697	0	225
Percent operated	81.8	82.5	82.6		
Motor Gasoline					
Total motor gasoline production	6,794	6,952	6,770	-158	24
Finished leaded motor gasoline production	1,150	1,174	1,526	-24	-376
Finished unleaded motor gasoline production	5,644	5,778	5,244	-134	400
Total motor gasoline stocks	211,987	213,743	218,273	-1,756	-6,286
Finished leaded motor gasoline stocks	38,010	38,313	51,245	-303	-13,235
Finished unleaded motor gasoline stocks	137,839	138,972	130,071	-1,133	7,768
Jet Fuel Kerosine					
Jet fuel kerosine production	1,153	1,167	1,176	-14	-23
Jet fuel kerosine stocks	41,108	41,043	42,673	65	-1,565
Distillate Fuel Oil					
Distillate fuel oil production	2,691	2,862	3,009	-171	-318
Distillate fuel oil stocks	124,942	128,035	127,259	-3,093	-2,317
Residual Fuel Oil					
Residual fuel oil production	910	788	867	122	43
Residual fuel oil stocks	40,086	40,900	47,498	-814	-7,412
Imports					
Crude oil imports	5,699	6,113	4,794	-414	905
Product imports	2,419	2,719	1,551	-300	868
Crude Oil Stocks					
Crude oil stocks	336,271	339,293	353,556	-3,022	-17,285
Crude Supply Balance	-1,028				

*See definitions on page 6.

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VOL. 69 For Week Ended November 11, 1988 NO. 45

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,368*	1,143*	1,162*	1,380	84.2*
Appal. No. 1	125	118	121	107	113.1
DISTRICT 1 TOTAL	1,493*	1,261*	1,283*	1,487	86.3*
Ind., Ill., Ky.	1,963	1,960	1,963	2,254	87.1
Minn., Wisc., Daks.	280	276	276	312	88.5
Okla., Kans., Mo.	686	614	620	718	86.4
DISTRICT 2 TOTAL	2,929	2,850	2,859	3,284	87.1
Inland Texas	502	459	463	569	81.4
Texas Gulf Coast	3,398*	3,011*	3,013*	3,580	84.2*
La. Gulf Coast	2,363	2,177	2,217	2,908	76.2
N. La. and Ark.	167	147	152	252	60.3
New Mexico	86	68	68	76	89.5
DISTRICT 3 TOTAL	6,516*	5,862*	5,913*	7,385	80.1*
DISTRICT 4 TOTAL	471	442	445	535	83.2
DISTRICT 5 TOTAL	2,573*	2,518*	2,526*	3,231	78.2*
TOTAL U.S.	13,982	12,933	13,026	15,922	81.8
TOTAL U.S. Weeks Ended:					
NOV. 4, 1988	14,060*	12,983*	13,136*	15,922	82.5*
NOV. 13, 1987	14,079	12,878	12,960	15,697	82.6
DISTRICTS 1-4 Weeks Ended:					
NOV. 11, 1988	11,409	10,415	10,500	12,691	82.7
NOV. 4, 1988	11,431*	10,525*	10,612*	12,691	83.6*
NOV. 13, 1987	11,610	10,465	10,541	12,438	84.7

* See Revisions on Page 8.

API WEEKLY STATISTICAL BULLETIN

Week Ended November 11, 1988

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	631*	54	577*	20	58	277	125
Appal. No. 1	49	7	42	--	--	40	4
DISTRICT 1 TOTAL	680*	61	619*	20	58	317	129
Ind., Ill., Ky.	1,130	151	979	7	107	377	52
Minn., Wisc., Daks.	142	12	130	--	10	66	6
Okla., Kans., Mo.	378	111	267	6	35	181	11
DISTRICT 2 TOTAL	1,650	274	1,376	13	152	624	69
Inland Texas	304	75	229	27	29	110	15
Texas Gulf Coast	1,655	220	1,435	20	300	632	207
La. Gulf Coast	1,033	124	909	24	275	411	69
N. La. and Ark.	56	6	50	5	3	39	11
New Mexico	47	13	34	4	2	19	--
DISTRICT 3 TOTAL	3,095	438	2,657	80	609	1,211	302
DISTRICT 4 TOTAL	227	98	129	10	33	114	10
DISTRICT 5 TOTAL	1,142*	279	863*	55*	301	425	400
TOTAL U.S.	6,794	1,150	5,644	178	1,153	2,691	910
TOTAL U.S. Weeks Ended:							
NOV. 4, 1988	6,952*	1,174	5,778*	224*	1,167	2,862	788
NOV. 13, 1987	6,770	1,526	5,244	173	1,176	3,009	867
DISTRICTS 1-4 Weeks Ended:							
NOV. 11, 1988	5,652	871	4,781	123	852	2,266	510
NOV. 4, 1988	5,796*	925	4,871*	156	880	2,386	510
NOV. 13, 1987	5,689	1,263	4,426	120	881	2,657	512

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	2,924	178	2,745	1	137	420	8,950	827	--
Central Atlantic	24,545	3,254	17,237	4,054	636	4,416	32,968	13,007	11,850
Lower Atlantic	28,757	5,181	23,301	275	453	5,794	14,405	3,188	476
DISTRICT 1 TOTAL	56,226	8,613	43,283	4,330	1,226	10,630	56,323	17,022	12,326
DISTRICT 2 TOTAL	57,139	11,991	37,712	7,436	676	7,924	28,011	2,902	16,693
DISTRICT 3 TOTAL	63,828	9,460	39,213	15,155	2,135	14,170	26,782	11,335	51,772*
DISTRICT 4 TOTAL	6,257	1,834	2,738	1,685	361	745	2,446	615	1,975
DISTRICT 5 TOTAL	28,537*	6,112	14,893*	7,532*	2,036*	7,639	11,380	8,212	28,012
TOTAL U.S.	211,987	38,010	137,839	36,138	6,434	41,108	124,942	40,086	110,778
TOTAL U.S. Weeks Ended:									
NOV. 4, 1988	213,743*	38,313	138,972*	36,458*	6,559*	41,043	128,035	40,900	109,318*
NOV. 13, 1987	218,273	51,245	130,071	36,957	6,900	42,673	127,259	47,498	101,741
DISTRICTS 1-4 Weeks Ended:									
NOV. 11, 1988	183,450	31,898	122,946	28,606	4,398	33,469	113,562	31,874	82,766
NOV. 4, 1988	183,890	31,903	123,430	28,557	4,630	33,614	116,663	32,778	81,646*
NOV. 13, 1987	190,020	44,460	115,875	29,685	4,888	35,936	116,703	38,100	76,578

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

WEEKLY STATISTICAL BULLETIN
Week Ended November 11, 1988

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy June 1988	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
NOV. 11, 1988	4,935.0	5,079.0	5,500	751	255,545
NOV. 4, 1988	4,949.0*	--	5,871	713	257,365*
OCT. 28, 1988	4,949.0*	--	4,827	698	251,085
OCT. 21, 1988	4,949.0*	--	4,961	738	250,741
DISTRICT 5 TOTAL					
NOV. 11, 1988	3,097.0	3,059.0	199	8	80,726 #
NOV. 4, 1988	3,085.0*	--	242	7	81,928*
OCT. 28, 1988	3,085.0*	--	163	--	82,177
OCT. 21, 1988	3,085.0*	--	324	6	82,899
TOTAL U.S.					
NOV. 11, 1988	8,032.0	8,138.0	5,699	759	336,271 #
NOV. 4, 1988	8,034.0*	--	6,113	720	339,293*
OCT. 28, 1988	8,034.0*	--	4,990	698	333,262
OCT. 21, 1988	8,034.0*	--	5,285	744	333,640
NOV. 13, 1987	8,397.0 a/	--	4,794	502	353,556

#INCLUDES 23,305 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for November 1987.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1987 Averages Absolute	1987 Averages Positive	1987 Averages Negative
NOV. 11, 1988	-1,028	468	550	-334

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
NOV. 11, 1988	17,546	68,160	158,189	11,650	255,545	80,726 #	336,271 #
NOV. 4, 1988	16,682	69,044*	159,813	11,826	257,365*	81,928*	339,293*
NOV. 13, 1987	13,376	72,162	173,658	13,058	272,254	81,302	353,556

[1]See definitional notes, Page 6.

* See Revisions on Page 8.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	137	--	137	--	--	--	91	228	50	--	--	506
Central Atlantic	205	3	202	69	--	35	148	316	25	79	59	936
Lower Atlantic	101	--	101	--	--	--	--	104	--	--	--	205
DISTRICT 1 TOTAL												
NOV. 11, 1988	443	3	440	69	--	35	239	648	75	79	59	1,647
NOV. 4, 1988	279	9	270	58	--	40	337	816	40	139	88	1,797
OCT. 28, 1988	403	--	403	121	--	60	351	567	56	73	165	1,796
OCT. 21, 1988	457	3	454	45	--	49	302	495	22	171	50	1,591
DISTRICTS 2-4 TOTAL												
NOV. 11, 1988	15	--	15	--	3	--	8	51	236	255	153	721
NOV. 4, 1988	10	--	10	2	3	15	15	42	299	433	38	857
OCT. 28, 1988	13	--	13	--	3	14	12	26	208	165	171	612
OCT. 21, 1988	43	--	43	--	4	10	15	31	139	208	1	451
DISTRICT 5 TOTAL												
NOV. 11, 1988	30	--	30	--	--	--	2	7	12	--	--	51
NOV. 4, 1988	28	3	25	--	--	13	3	7	14	--	--	65
OCT. 28, 1988	25	--	25	--	--	24	2	7	25	--	--	83
OCT. 21, 1988	28	--	28	--	--	22	4	33	12	--	--	99
TOTAL U.S.	488	3	485	69	3	35	249	706	323	334	212	2,419
TOTAL U.S. Weeks Ended:												
NOV. 4, 1988	317	12	305	60	3	68	355	865	353	572	126	2,719
OCT. 28, 1988	441	--	441	121	3	98	365	600	289	238	336	2,491
OCT. 21, 1988	528	3	525	45	4	81	321	559	173	379	51	2,141
NOV. 13, 1987	391	23	368	46	12	11	173	285	276	98	259	1,551

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Gasoline blending components are not included in total motor gasoline imports.

[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42-gallon barrels)

	API Estimated Production		Dept. of Energy
	OCTOBER 1988	SEPTEMBER 1988r/	JUNE 1988
Florida	22.0	22.0	22.0
New York-Pennsylvania	10.0	10.0	11.0
Virginia	0.0	0.0	0.0
West Virginia	7.0	7.0	8.0
Illinois	64.0	64.0	66.0
Indiana	10.0	10.0	14.0
Kansas	163.0	163.0	168.0
Kentucky	14.0	14.0	16.0
Michigan	64.0	64.0	65.0
Missouri-Tennessee	2.0	2.0	2.0
Nebraska	16.0	16.0	16.0
Ohio	29.0	29.0	31.0
Oklahoma	355.0	342.0	357.0
North Dakota	109.0	108.0	110.0
South Dakota	5.0	4.0	4.0
Alabama	57.0	57.0	57.0
Arkansas	38.0	37.0	38.0
Mississippi	73.0	73.0	73.0
New Mexico-So. East	176.0	177.0	174.0
New Mexico-Other	19.0	22.0	19.0
North Louisiana	61.0	61.0	62.0
South Louisiana	1,092.0	984.0	1,128.0
Total Louisiana	1,153.0	1,045.0	1,190.0
Texas			
District 1	55.0	55.0	57.0
District 2	66.0	66.0	68.0
District 3	224.0	236.0	250.0
District 4	63.0	60.0	65.0
District 5	35.0	35.0	36.0
District 6, East Texas	111.0	111.0	112.0
Other	87.0	87.0	89.0
District 7-B	84.0	84.0	86.0
District 7-C	87.0	87.0	90.0
District 8 and 8-A	1,075.0	1,078.0	1,100.0
District 9	82.0	84.0	85.0
District 10	41.0	42.0	42.0
Total Texas	2,010.0	2,025.0	2,080.0
Colorado	84.0	84.0	90.0
Montana	63.0	62.0	64.0
Utah	93.0	93.0	92.0
Wyoming	313.0	314.0	312.0
Total Districts 1-4	4,949.0	4,844.0	5,079.0
Alaska	2,011.0	2,018.0	1,984.0
Arizona	0.0	0.0	0.0
California	1,066.0	1,065.0	1,066.0
Nevada	8.0	8.0	9.0
Total District 5	3,085.0	3,091.0	3,059.0
TOTAL U.S.	8,034.0	7,935.0r/	8,138.0

r/ Revised: Data currently displayed are based on reported volumes from 37 producing companies. These volumes are estimated to represent 55.8% of lower 48 states production. When combined with reported Alaskan data, the sample represents 67.1% of total U.S. production in September.

API STATISTICAL BULLETIN
WEEK ENDED: NOV. 11, 1988

REVISIONS

11/04/88	PAGE 1	TOTAL REFINERY INPUT	EAST COAST	1,327
			DISTRICT 1 TOTAL	1,433
			TEXAS GULF COAST	3,366
			DISTRICT 3 TOTAL	6,475
			DISTRICT 5 TOTAL	2,629
			TOTAL U.S.	14,060
			DISTRICTS 1-4	11,431
		CRUDE OIL RUNS	EAST COAST	1,128
			DISTRICT 1 TOTAL	1,228
			TEXAS GULF COAST	3,028
			DISTRICT 3 TOTAL	5,909
			DISTRICT 5 TOTAL	2,458
			TOTAL U.S.	12,983
			DISTRICTS 1-4	10,525
		INPUT TO CRUDE OIL	EAST COAST	1,133
			DISTRICT 1 TOTAL	1,236
			TEXAS GULF COAST	3,028
			DISTRICT 3 TOTAL	5,970
			DISTRICT 5 TOTAL	2,524
			TOTAL U.S.	13,136
			DISTRICTS 1-4	10,612
		% OPERABLE	EAST COAST	82.1
			DISTRICT 1 TOTAL	83.1
			TEXAS GULF COAST	84.6
			DISTRICT 3 TOTAL	80.8
			DISTRICT 5 TOTAL	78.1
			TOTAL U.S	82.5
			DISTRICTS 1-4	83.6
	PAGE 2	TOTAL MGAS	EAST COAST	682
			DISTRICT 1 TOTAL	719
			DISTRICT 5 TOTAL	1,156
			TOTAL U.S.	6,952
			DISTRICTS 1-4	5,796
		UNLEADED MGAS	EAST COAST	610
			DISTRICT 1 TOTAL	644
			DISTRICT 5 TOTAL	907
			TOTAL U.S.	5,778
			DISTRICTS 1-4	4,871
		NAPHTHA JET	DISTRICT 5 TOTAL	68
			TOTAL U.S.	224
	PAGE 3	TOTAL MGAS	DISTRICT 5 TOTAL	29,853
			TOTAL U.S.	213,743
		UNLEADED MGAS	DISTRICT TOTAL	15,542
			TOTAL U.S.	138,972
		BLENDING COMPS	DISTRICT 5 TOTAL	7,901

API STATISTICAL BULLETIN
WEEK ENDED: NOV. 11, 1988

REVISIONS

		TOTAL U.S.	36,458
	NAPHTHA JET	DISTRICT 5 TOTAL	1,929
		TOTAL U.S.	6,559
	UNFINISHED OILS	DISTRICT 3 TOTAL	52,035
		TOTAL U.S.	109,318
		DISTRICTS 1-4	81,646
PAGE 4 T	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	257,365
		DISTRICT 5 TOTAL	81,928
		TOTAL U.S.	339,293
PAGE 4 B	TOTAL	PAD DISTRICT 2	69,044
		TOTAL PAD DISTRICTS 1-4	257,365
		PAD DISTRICT 5	81,928
		TOTAL U.S.	339,293